



OIPE

Page 1 of 4

RAW SEQUENCE LISTING

DATE: 03/18/2002 TIME: 16:08:03

PATENT APPLICATION: US/10/090,889

Input Set : N:\Crf3\RULE60\10090889.raw
Output Set: N:\CRF3\03182002\J090889.raw

```
1 <110> APPLICANT: Reubinoff, Benjamin E.
         Pera, Martin F.
         Fong, Chui-Yee
        Trounson, Alan O.
                                                         ENTERED
        Bongso, Ariffeen
 6 <120> TITLE OF INVENTION: EMBRYONIC STEM CELLS
 7 <130> FILE REFERENCE: 13164
 8 <140> CURRENT APPLICATION NUMBER: 10/090,889
 9 <141> CURRENT FILING DATE: 2002-03-04
11 <150> PRIOR APPLICATION NUMBER: US/09/436,164
12 <151> PRIOR FILING DATE: 1999-11-09
15 <160> NUMBER OF SEQ ID NOS: 8
16 <170> SOFTWARE: PatentIn Ver. 2.0
18 <210> SEO ID NO: 1
19 <211> LENGTH: 22
20 <212> TYPE: DNA
21 <213> ORGANISM: Artificial Sequence
22 <220> FEATURE:
23 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer
24 <400> SEQUENCE: 1
         cgttctcttt ggaaaggtgt tc
27 <210> SEQ ID NO: 2
28 <211> LENGTH: 20
29 <212> TYPE: DNA
30 <213> ORGANISM: Artificial Sequence
31 <220> FEATURE:
32 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer
33 <400> SEOUENCE: 2
         acactcggac cacgtctttc
                                                                           20
36 <210> SEQ ID NO: 3
37 <211> LENGTH: 20
38 <212> TYPE: DNA
39 <213> ORGANISM: Artificial Sequence
40 <220> FEATURE:
41 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer
42 <400> SEQUENCE: 3
         cgcaccactg gcattgtcat
                                                                           20
45 <210> SEQ ID NO: 4
46 <211> LENGTH: 20
47 <212> TYPE: DNA
48 <213> ORGANISM: Artificial Sequence
49 <220> FEATURE:
50 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer
```



DATE: 03/18/2002

TIME: 16:08:03

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/090,889

Input Set : N:\Crf3\RULE60\10090889.raw
Output Set: N:\CRF3\03182002\J090889.raw

52	51	<400>	SEQUENCE: 4	
55 < 211> LENGTH: 23 56 < 212> TYPE: DNA 7213> ORGANISM: Artificial Sequence 58 < 220> FEATURE: 59 < 223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer 60 < 400> SEQUENCE: 5 61				20
56	54	<210>	SEQ ID NO: 5	
57 <213> ORGANISM: Artificial Sequence 58 <220> FEATURE: 59 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer 60 <400> SEQUENCE: 5 aacagacaca gccctcacaa aca 23 63 <210> SEQ ID NO: 6 64 <211> LENGTH: 23 65 <212> TYPE: DNA 66 <213> ORGANISM: Artificial Sequence 67 <220> FEATURE: 68 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer 69 <400> SEQUENCE: 6 cgggaacttg aactggaact gac 23 72 <210> SEQ ID NO: 7 73 <211> LENGTH: 21 74 <212> TYPE: DNA 75 <213> ORGANISM: Artificial Sequence 67 <220> FEATURE: 77 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer 78 <400> SEQUENCE: 7 9	55	<211>	LENGTH: 23	
58 <220> FEATURE: 59 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer	56	<212>	TYPE: DNA	
59 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer 60 <400> SEQUENCE: 5 61	57	<213>	ORGANISM: Artificial Sequence	
60 <400	58	<220>	FEATURE:	
61	59	<223>	OTHER INFORMATION: Description of Artificial Sequence: PCR primer	
63 <210> SEQ ID NO: 6 64 <211> LENGTH: 23 65 <212> TYPE: DNA 66 <213> ORGANISM: Artificial Sequence 67 <220> FEATURE: 68 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer 69 <400> SEQUENCE: 6 70	60	<400>	SEQUENCE: 5	
64 <211> LENGTH: 23 65 <212> TYPE: DNA 66 <213> ORGANISM: Artificial Sequence 67 <220> FEATURE: 68 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer 69 <400> SEQUENCE: 6 70	61		aacagacaca gccctcacaa aca	23
65 <212> TYPE: DNA 66 <213> ORGANISM: Artificial Sequence 67 <220> FEATURE: 68 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer 69 <400> SEQUENCE: 6 70	63	<210>	SEQ ID NO: 6	
66 <213 ORGANISM: Artificial Sequence 67 <220 FEATURE: 68 <223 OTHER INFORMATION: Description of Artificial Sequence: PCR primer 69 <400 SEQUENCE: 6 70	64	<211>	LENGTH: 23	
67	65	<212>	TYPE: DNA	
68 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer 69 <400> SEQUENCE: 6 70 cgggaacttg aactggaact gac 23 72 <210> SEQ ID NO: 7 73 <211> LENGTH: 21 74 <212> TYPE: DNA 75 <213> ORGANISM: Artificial Sequence 76 <220> FEATURE: 77 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer 78 <400> SEQUENCE: 7 79 cagctggcgc acctcaagat g 21 81 <210> SEQ ID NO: 8 82 <211> LENGTH: 23 83 <212> TYPE: DNA 84 <213> ORGANISM: Artificial Sequence 85 <220> FEATURE: 86 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer 87 <400> SEQUENCE: 8	66	<213>	ORGANISM: Artificial Sequence	
69 <400> SEQUENCE: 6 70 cgggaacttg aactggaact gac 23 72 <210> SEQ ID NO: 7 73 <211> LENGTH: 21 74 <212> TYPE: DNA 75 <213> ORGANISM: Artificial Sequence 76 <220> FEATURE: 77 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer 78 <400> SEQUENCE: 7 79 cagctggcgc acctcaagat g 21 81 <210> SEQ ID NO: 8 82 <211> LENGTH: 23 83 <212> TYPE: DNA 84 <213> ORGANISM: Artificial Sequence 85 <220> FEATURE: 86 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer 87 <400> SEQ ID NO: 8 88 <80				
70 cgggaacttg aactggaact gac 23 72 <210> SEQ ID NO: 7 73 <211> LENGTH: 21 74 <212> TYPE: DNA 75 <213> ORGANISM: Artificial Sequence 76 <220> FEATURE: 77 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer 78 <400> SEQUENCE: 7 79 cagctggcgc acctcaagat g 21 81 <210> SEQ ID NO: 8 82 <211> LENGTH: 23 83 <212> TYPE: DNA 84 <213> ORGANISM: Artificial Sequence 85 <220> FEATURE: 86 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer 87 <400> SEQUENCE: 7 80 Cagctgccc acctcaagat g 21 81 <210> SEQ ID NO: 8 82 <211> LENGTH: 23 83 <212> TYPE: DNA 84 <213> ORGANISM: Artificial Sequence 85 <220> FEATURE: 86 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer 87 <400> SEQUENCE: 8	68	<223>	OTHER INFORMATION: Description of Artificial Sequence: PCR primer	
72 <210> SEQ ID NO: 7 73 <211> LENGTH: 21 74 <212> TYPE: DNA 75 <213> ORGANISM: Artificial Sequence 76 <220> FEATURE: 77 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer 78 <400> SEQUENCE: 7 79	69	<400>	SEQUENCE: 6	
73 <211> LENGTH: 21 74 <212> TYPE: DNA 75 <213> ORGANISM: Artificial Sequence 76 <220> FEATURE: 77 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer 78 <400> SEQUENCE: 7 79				23
74 <212> TYPE: DNA 75 <213> ORGANISM: Artificial Sequence 76 <220> FEATURE: 77 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer 78 <400> SEQUENCE: 7 79				
75 <213> ORGANISM: Artificial Sequence 76 <220> FEATURE: 77 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer 78 <400> SEQUENCE: 7 79				
76 <220> FEATURE: 77 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer 78 <400> SEQUENCE: 7 79				
77 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer 78 <400> SEQUENCE: 7 79				
78 <400> SEQUENCE: 7 79 cagctggcgc acctcaagat g 21 81 <210> SEQ ID NO: 8 82 <211> LENGTH: 23 83 <212> TYPE: DNA 84 <213> ORGANISM: Artificial Sequence 85 <220> FEATURE: 86 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer 87 <400> SEQUENCE: 8				
79 cagctggcgc acctcaagat g 21 81 <210> SEQ ID NO: 8 82 <211> LENGTH: 23 83 <212> TYPE: DNA 84 <213> ORGANISM: Artificial Sequence 85 <220> FEATURE: 86 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer 87 <400> SEQUENCE: 8				
81 <210> SEQ ID NO: 8 82 <211> LENGTH: 23 83 <212> TYPE: DNA 84 <213> ORGANISM: Artificial Sequence 85 <220> FEATURE: 86 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer 87 <400> SEQUENCE: 8		<400>	~	
82 <211> LENGTH: 23 83 <212> TYPE: DNA 84 <213> ORGANISM: Artificial Sequence 85 <220> FEATURE: 86 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer 87 <400> SEQUENCE: 8				21
83 <212> TYPE: DNA 84 <213> ORGANISM: Artificial Sequence 85 <220> FEATURE: 86 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer 87 <400> SEQUENCE: 8				
84 <213> ORGANISM: Artificial Sequence 85 <220> FEATURE: 86 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer 87 <400> SEQUENCE: 8				
85 <220> FEATURE: 86 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer 87 <400> SEQUENCE: 8				
86 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer 87 <400> SEQUENCE: 8				
87 <400> SEQUENCE: 8				
•				
88 agggaagttg ggctcaggac tgg 23		<400>		
	88		agggaagttg ggctcaggac tgg	23

VERIFICATION SUMMARY

DATE: 03/18/2002

PATENT APPLICATION: US/10/090,889

TIME: 16:08:04

Input Set : N:\Crf3\RULE60\10090889.raw
Output Set: N:\CRF3\03182002\J090889.raw